

In the Claims:

[c1 – c13] (Canceled)

[c14] (Presently Amended) An anti-sabotage and anti-theft cap assembly device for tire valves, comprising:

an internally threaded member, wherein the internally threaded member is capable of ~~serews~~ screwing onto and off of an inflating valve of a tire;

a cap envelope located concentric to the internally threaded member and shaped to prevent access to the internally threaded member without a specialized tool, wherein the external contour of the cap envelope has grooved knurls for an efficient transmission of torque; and

a free tripper member that connects the cap envelope to the internally threaded member, wherein the free tripper allows for the unidirectional screwing of the entire cap assembly by hand, the free tripper comprising radial teeth on the external cylindrical surface of the internally threaded member, protuberances on the internal cylindrical surface of the cap envelope, and a spring that ensures engagement between the radial teeth and the protuberances.

[c15] (Canceled)

[c16] (Presently Amended) The cap assembly device in claim + 14, wherein said protuberances disengage from the threaded body when excessive torque is applied.

[c17] (Presently Amended) The cap assembly device in claim + 14, wherein the external contour of the cap envelope has polygonal profiled knurls for an efficient transmission of torque.

[c18] (New) The cap assembly device in claim 14, wherein the engagement between the internally threaded member and the outer envelope occurs on contacting surfaces

inclining at an angle that is capable of allowing the disengagement in order to limit the screwing torque transmitted by the outer envelope to the internally threaded member.